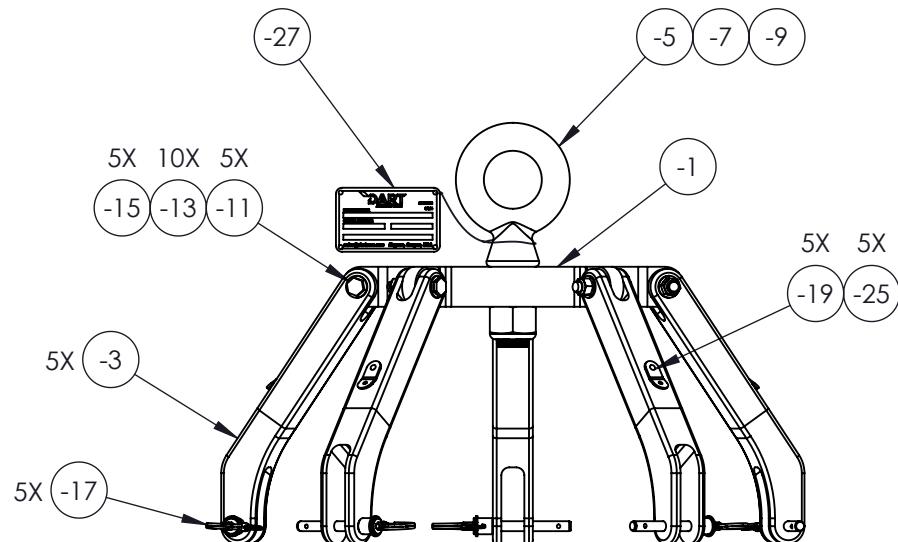


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0139	-3 CH'D DIMENSION WAS 4X R.19 IS 4X R.25.	8/20/2014	DJN	DW
2	15-0042	CH'D NOTE 1 WAS EYEBOLT IS EYEBOLT NECK. -1 CH'D DIMS WAS .70 IS 1.00, WAS 4.15 IS 4.26, WAS R.25 IS R.03, WAS R2.50 IS R2.38	2/13/2015	PMW	JAG



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		-1	1	Yoke	6061	1-1/4 X 11.38 X 11.38		2
		-3	5	FINGER	6061	1-1/4 X 9-5/8 X 2-1/4		3
B/O		-5	1	EYE BOLT	ZINC PLATED STEEL	1-14 X EYE Ø1-13/16 MCMASTER-CARR#3014T139		1
B/O		-7	1	WASHER	STEEL	ID 1-1/16 X OD 2 MCMASTER-CARR# 98025A038		1
B/O		-9	1	NYLON INSERT HEX NUT	STEEL	1-14 MCMASTER-CARR# 97135A059		1
B/O		-11	5	HEX HEAD BOLT	STEEL	AN5-16A AIRCRAFT SPRUCE		1
B/O		-13	10	WASHER	STEEL	5/16 MCMASTER-CARR# 90126A030		1
B/O		-15	5	NYLON INSERT HEX NUT	STEEL	5/16-24 MCMASTER-CARR# 97135A225		1
B/O		-17	5	QUICK RELEASE PIN	S.S.	Ø5/16 X 2 MCMASTER-CARR# 94505A548		1
B/O		-19	5	DRIVE SCREW	S.S.	#2 X 1/4 MCMASTER-CARR# 91654A077		1
B/O		-21	6	LANYARD	COATED STEEL	Ø1/16 X 8 CARR LANE #CL2C	NS	
B/O		-23	12	FERRULE	ALUMINUM	Ø1/16 X 3/8 MCMASTER-CARR #3896T31	NS	
B/O		-25	5	CABLE TAB	ALUMINUM	CARR LANE # CL-129-TABR-2-A	1	
		B/O	-27	1	DART PLACARD	ALUMINUM	RED BARN #RB41011	1,4

NOTE:

1. ATTACH PLACARD TO EYEBOLT NECK USING SHORT LANYARD AND FERRULES.
2. ATTACH 5 QUICK RELEASE PINS TO FINGERS USING LANYARDS, DRIVE SCREWS, CABLE TABS, AND FERRULES.

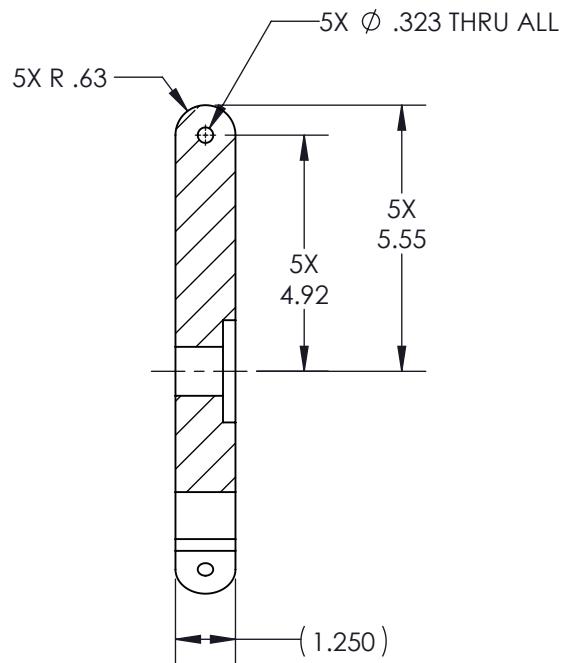


TITLE  
SLING, MAIN ROTOR HEAD

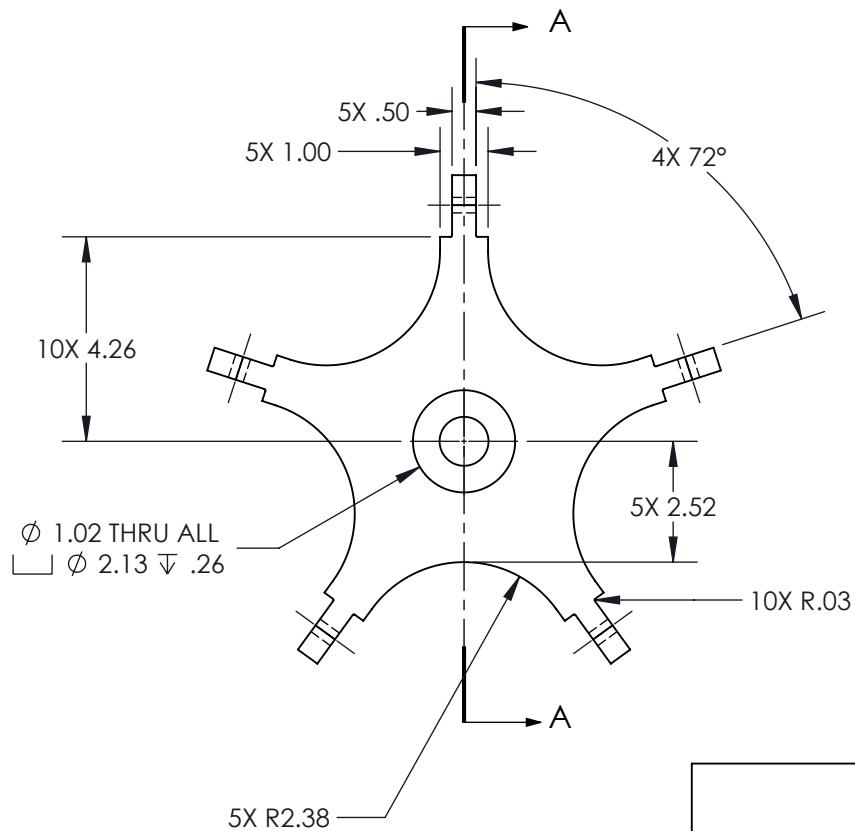
DWG NO.	RBT18616	REV
		2
MAT'L	DRAWN BY: WALLRICH	APPROVED
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1		D Weil
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL	MD 900
SCALE 1:6	DATE 6/26/2014	SHEET 1 OF 5

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	15-0042	CH'D DIMS WAS .70 IS 1.00, WAS 4.15 IS 4.26, WAS R.25 IS R.03, WAS R2.50 IS R2.38	2/13/2015	PMW	JAG

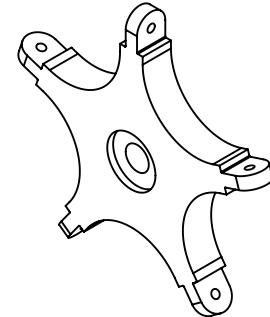


SECTION A-A



(-1)

YOKE

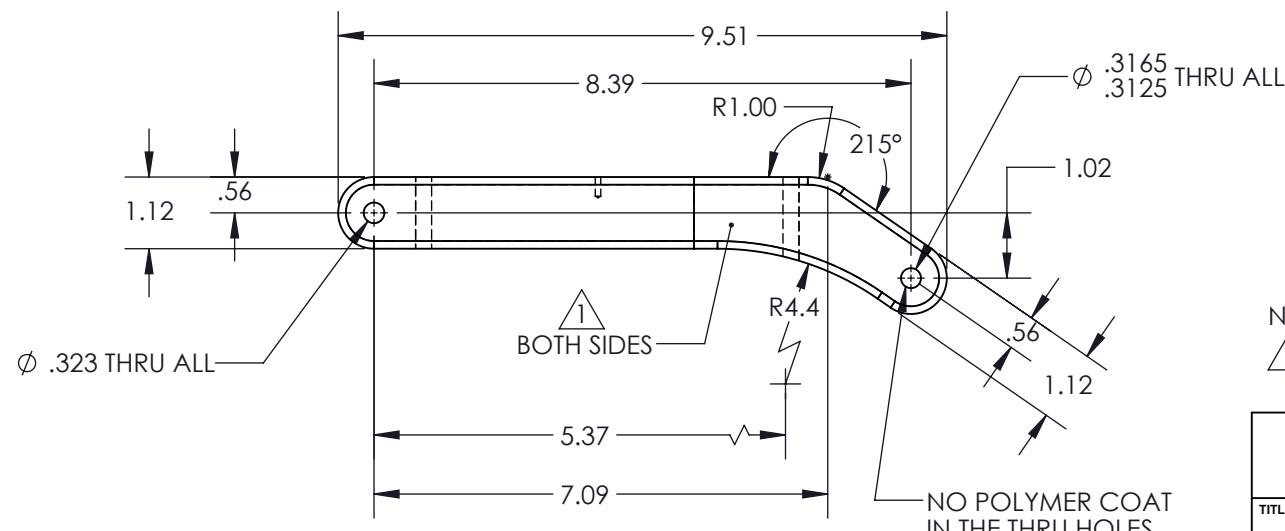
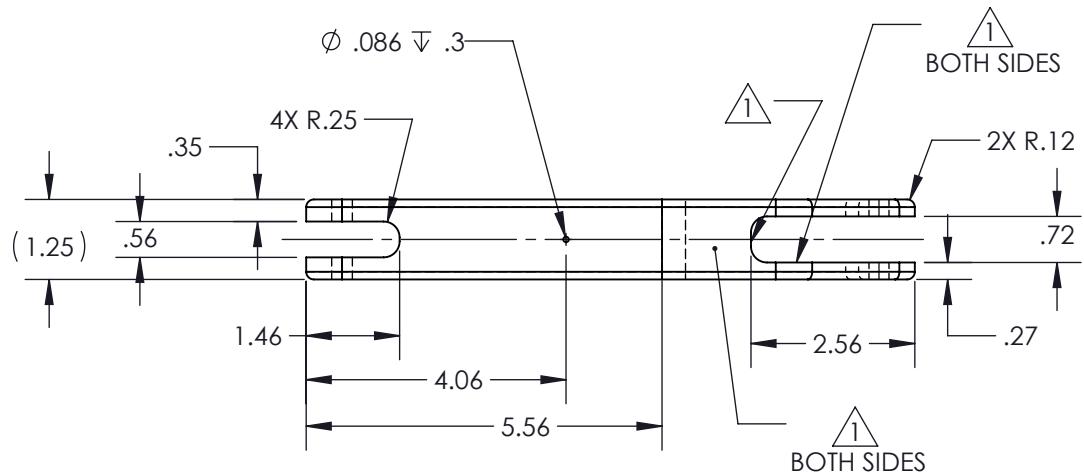


	
TITLE	SLING, MAIN ROTOR HEAD
DWG NO.	RBT18616-1
MAT'L	6061
UNLESS OTHERWISE SPECIFIED	DRAWN BY: WALLRICH
DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± 5°
.X ± .1	HEAT TREAT
1. BREAK ALL SHARP EDGES .015 x 45°	FINISH CLEAR ANODIZE
OR .015R	SPEC MIL-A-8625F, TYPE II, CLASS I
2. DIMENSIONAL LIMITS APPLY AFTER	USED ON MODEL
PLATING	MD 900
SCALE 1:4	DATE 6/26/2014
SHEET 2 OF 5	

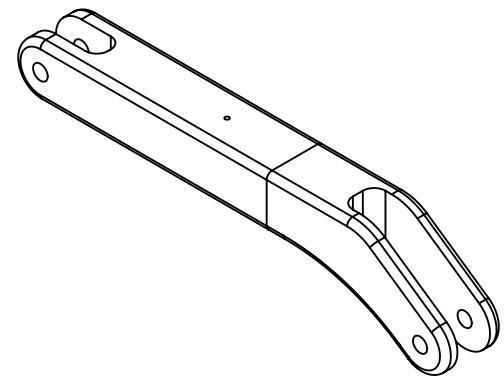
REV  
2

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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
1	14-0139		-3 CH'D DIMENSION WAS 4X R.19 IS 4X R.25.						8/20/2014			DJN			DW		



(-3)  
FINGER

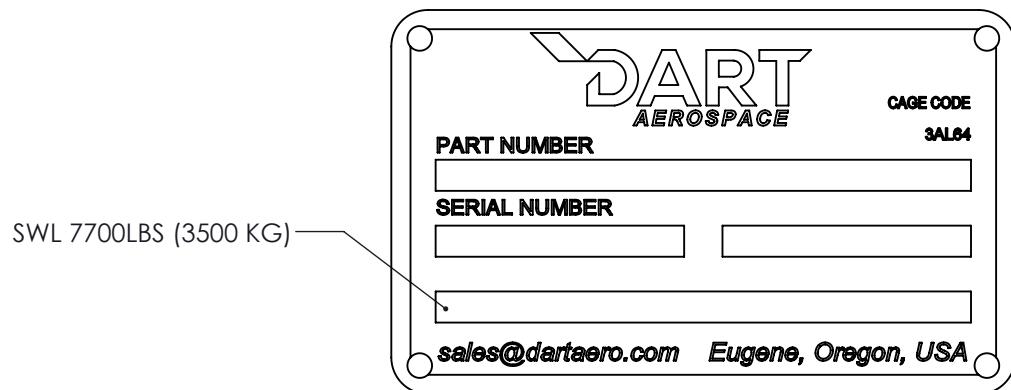


NOTE:  
1 AFTER ANODIZING, COAT WITH POLYMER  
(TRUCK BED LINER) MAX THICKNESS .030

<b>DART</b> AEROSPACE	
TITLE	
SLING, MAIN ROTOR HEAD	
DWG NO.	RBT18616-3
MAT'L	6061
DRAWN BY:	WALLRICH
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SPEC MIL-A-8625F, TYPE II, CLASS I	
USED ON MODEL	
MD 900	
SCALE	1:3
DATE	6/26/2014
SHEET 3 OF 5	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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-27  
DART PLACARD

DART AEROSPACE	
TITLE	
DWG NO.	
MAT'L	ALUMINUM
DRAWN BY:	SMITH
APPROVED	D Weil
HEAT	
TREAT	
FINISH	
SPEC	
USED ON MODEL	
SCALE	1:8
DATE	12/26/2013
SHEET 4 OF 5	

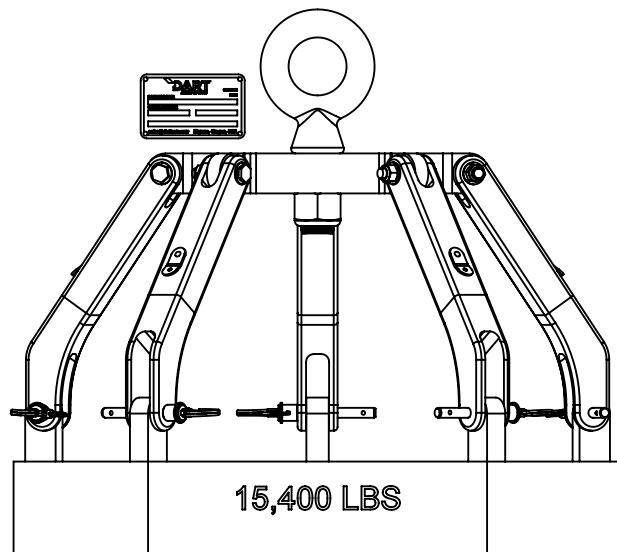
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REV		ECR		REVISIONS		
				DESCRIPTION		DATE
						INITIAL
						APPROVED

DART AEROSPACE  
190 S. DANEBO AVE., EUGENE OR. 97402  
(541)344-9953; fax (541)344-3863  
e-mail; sales@dartaero.com

FIRST ARTICLE WEIGHT TEST

INSPECTION & TESTING PROCEDURES FOR THE RBT18616, SLING, MAIN ROTOR HEAD. THIS ASSEMBLY IS DESIGNED EXCLUSIVELY FOR HOISTING AND INSTALLING/REMOVING THE MAIN ROTOR HEAD. THIS ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE. REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!



FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION, PLACE SLING ASSEMBLY ON A OVERHEAD LIFTING DEVICE. ATTACH 5 CONNECTOR FINGERS TO AN APPROPRIATE TEST WEIGHT OF 15400 LBS, USE BALL LOCK PINS TO LOCK INTO FIXTURE.
2. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, OR DISTORTION.
3. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS.

INSPECTOR: \_\_\_\_\_

TESTER: \_\_\_\_\_

S.N.: \_\_\_\_\_

DATE: \_\_\_\_\_

<b>DART</b> AEROSPACE			
190 S. Danebo Ave., Eugene, OR. 97402			
1-800-556-4166			
e-mail: sales@dartaero.com			
dartaerospace.com			
TITLE			
SLING, MAIN ROTOR HEAD			
DWG NO.	RBT18616	REV	CUSTOMER 1 OF 1
SCALE	1:6	DATE	6/26/2014
SHEET		5 OF 5	